

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079721.D
 Acq On : 13 Aug 2024 17:04
 Operator : RP/MD
 Sample : P3474-06
 Misc : 8.65G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:53:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

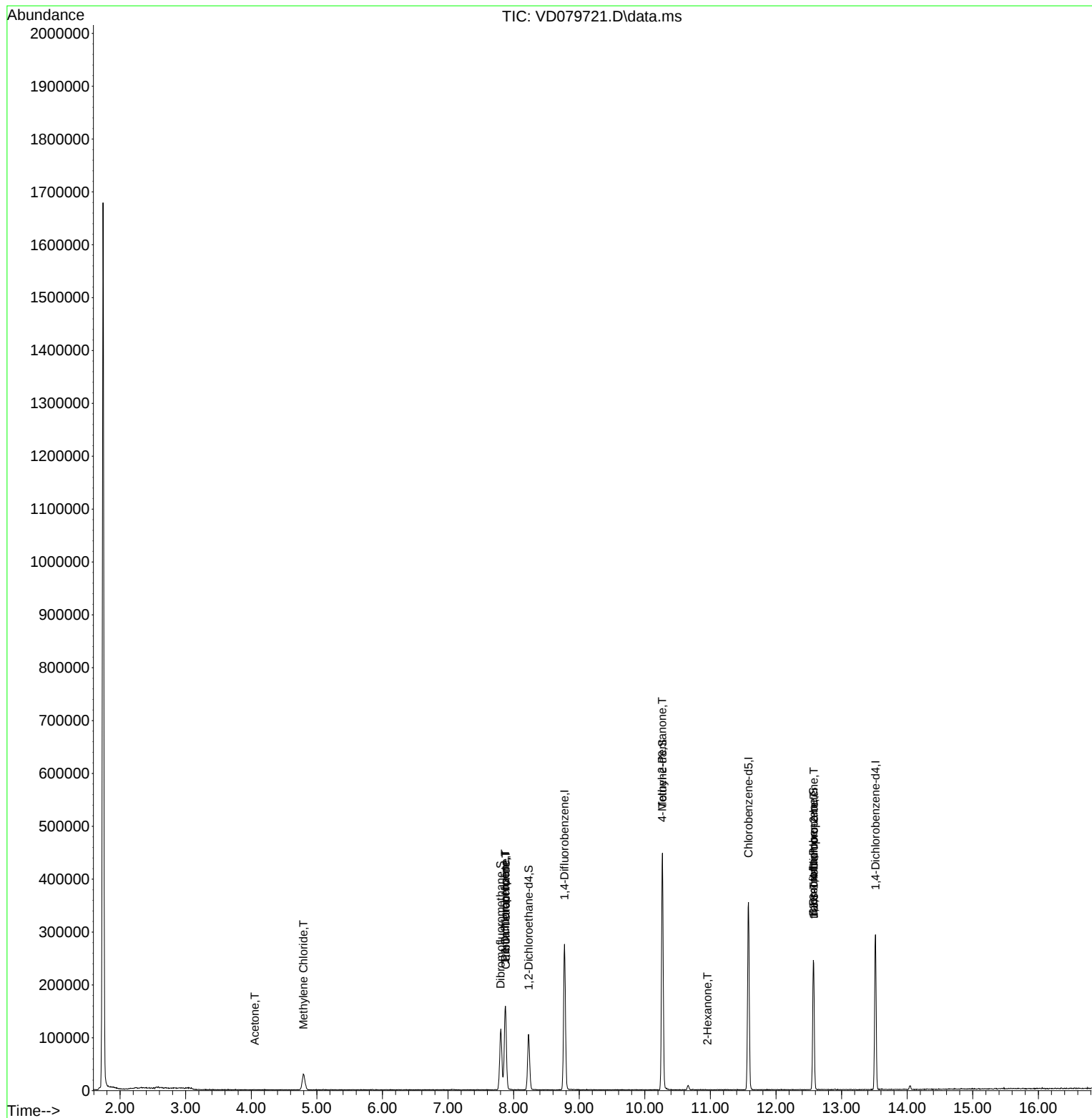
Internal Standards						
1) Pentafluorobenzene	7.875	168	119286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78141	56.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.880%	
35) Dibromofluoromethane	7.799	113	82701	55.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.269	98	323251	51.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.569	95	73952	42.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63	Below Cal	#	43
11) Tert butyl alcohol	4.916	59	55	Below Cal	#	86
16) Acetone	4.052	43	255	16.778	ug/l #	37
20) Methylene Chloride	4.793	84	21876	6.561	ug/l #	81
36) 1,1-Dichloropropene	7.869	75	10160	4.378	ug/l #	43
38) Carbon Tetrachloride	7.881	117	12956	5.500	ug/l #	16
51) 4-Methyl-2-Pentanone	10.263	43	1068	1.133	ug/l #	1
59) 2-Hexanone	10.957	43	70	8.042	ug/l #	19
71) Bromoform	12.569	173	1047	1.362	ug/l #	29
76) 1,2,3-Trichloropropane	12.575	75	38169	59.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38169	101.944	ug/l #	19

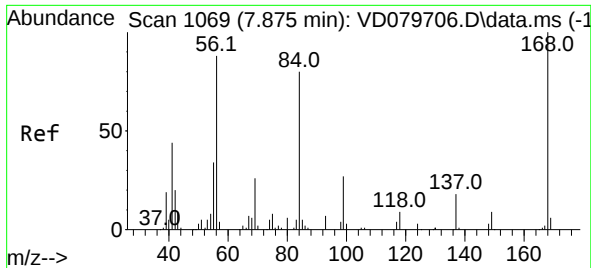
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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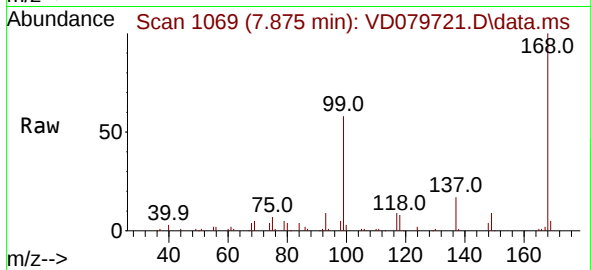
Quant Time: Aug 14 05:53:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration



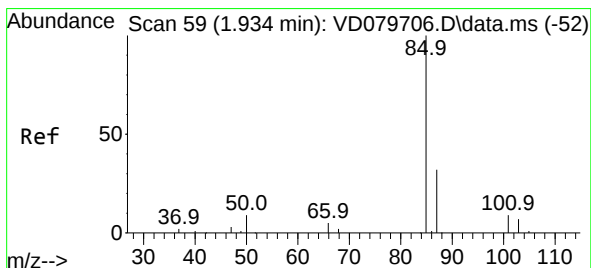
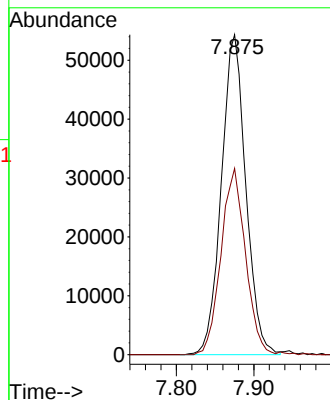
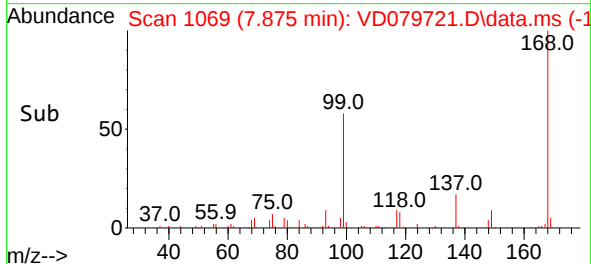


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :

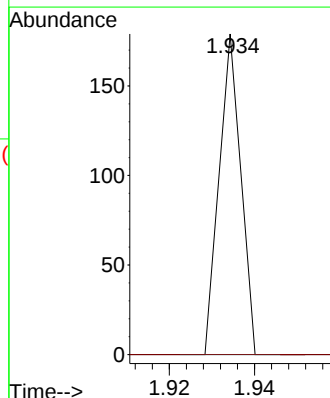
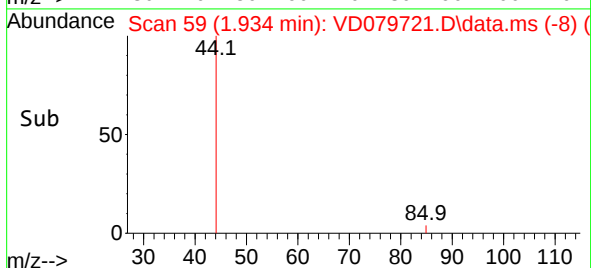
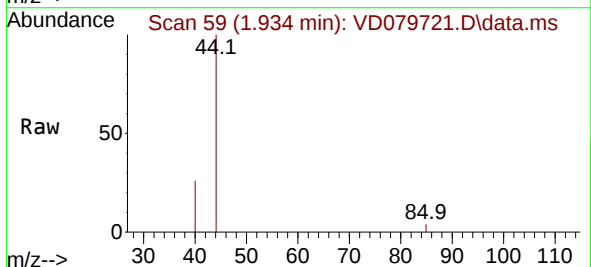


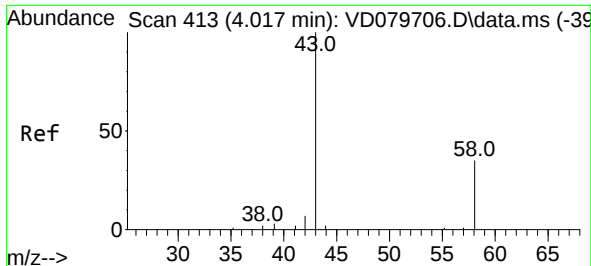
Tgt Ion:168 Resp: 119286
Ion Ratio Lower Upper
168 100
99 58.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#16

Acetone

Concen: 16.778 ug/l

RT: 4.052 min Scan# 41

Delta R.T. 0.035 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Instrument :

MSVOA_D

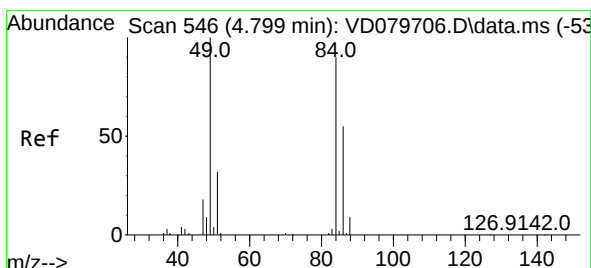
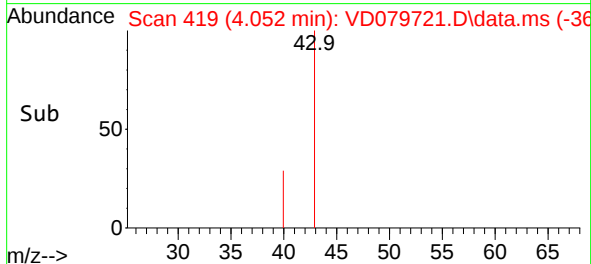
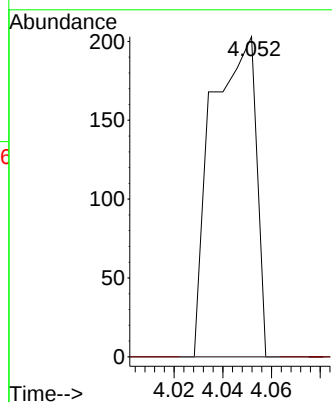
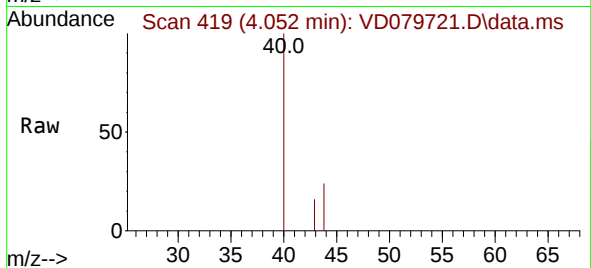
ClientSampleId :

Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#20

Methylene Chloride

Concen: 6.561 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Tgt Ion: 84 Resp: 21876

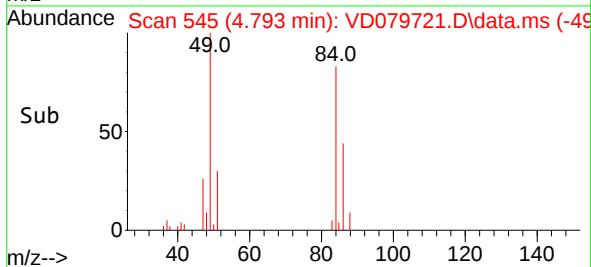
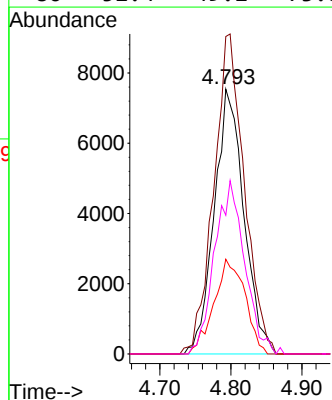
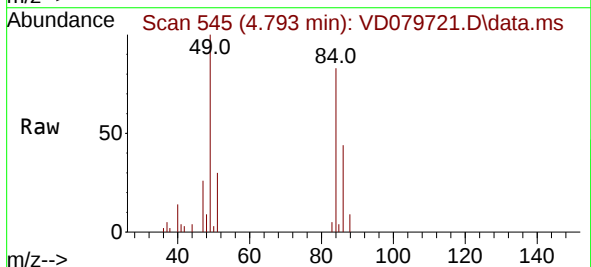
Ion Ratio Lower Upper

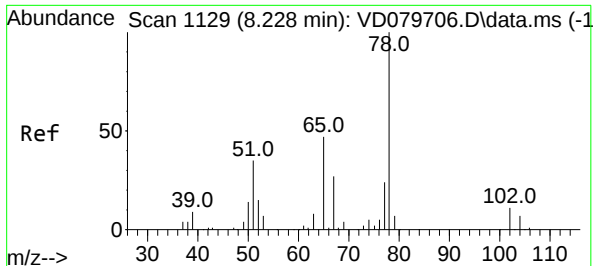
84 100

49 119.9 75.6 113.4#

51 35.8 24.2 36.2

86 52.4 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 56.939 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Instrument :

MSVOA_D

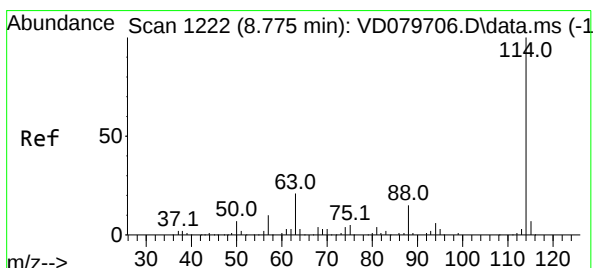
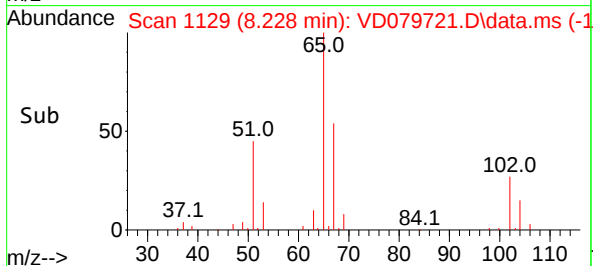
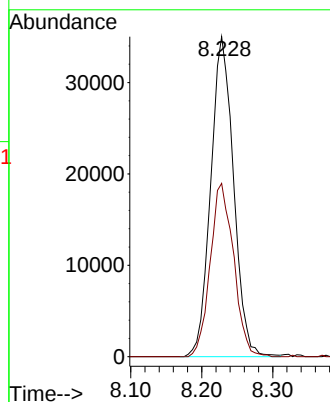
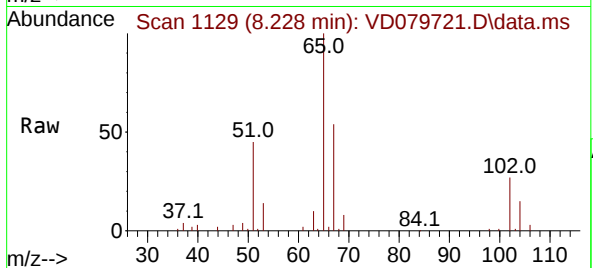
ClientSampleId :

Tgt Ion: 65 Resp: 78141

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

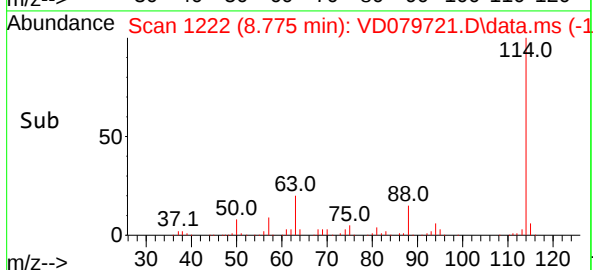
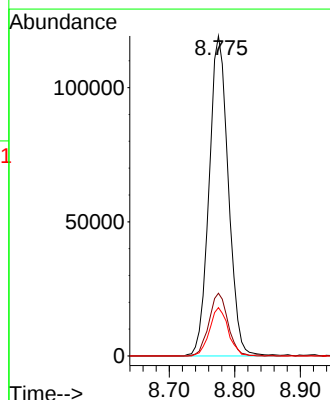
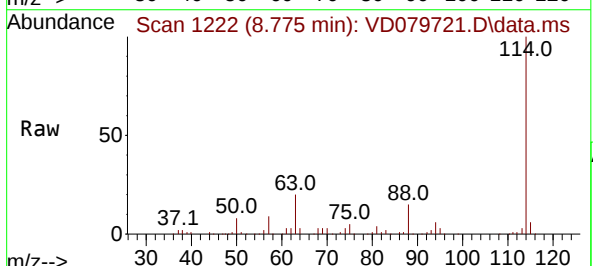
Tgt Ion: 114 Resp: 242858

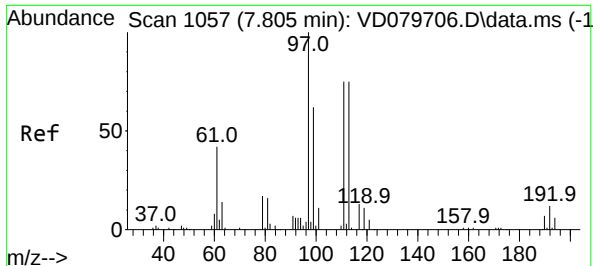
Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.0

88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.238 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

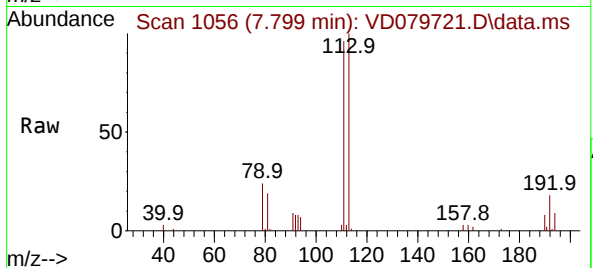
Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :



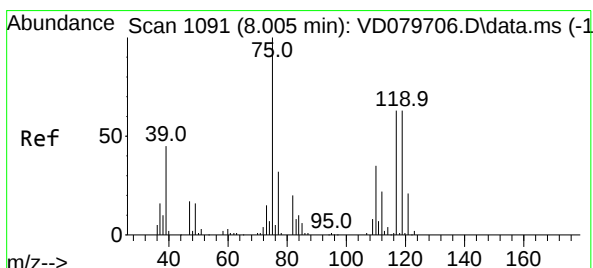
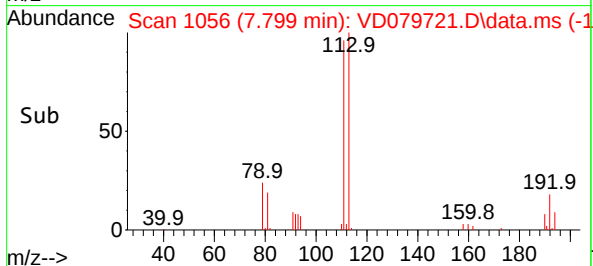
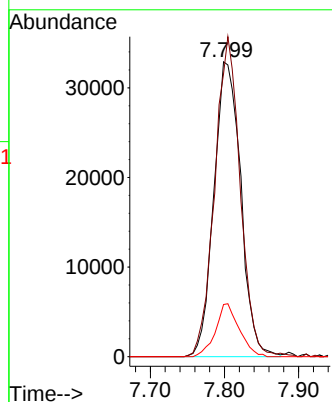
Tgt Ion:113 Resp: 82701

Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 15.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.378 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

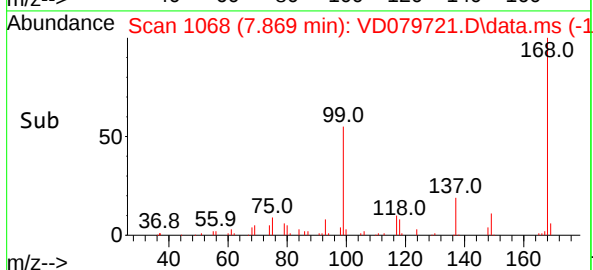
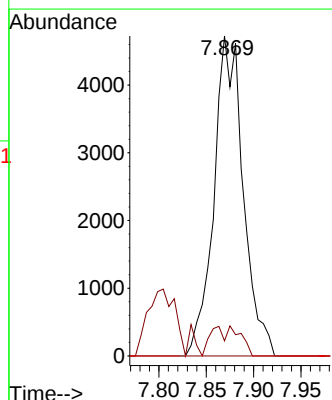
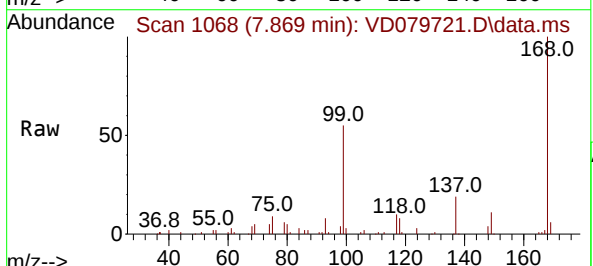
Tgt Ion: 75 Resp: 10160

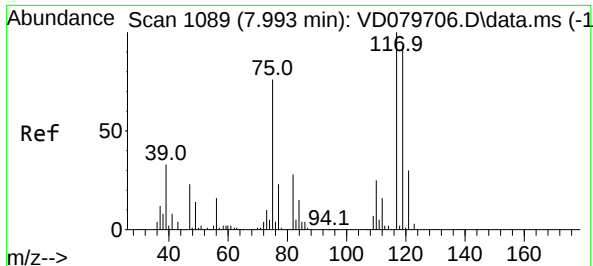
Ion Ratio Lower Upper

75 100

110 4.6 19.6 58.7#

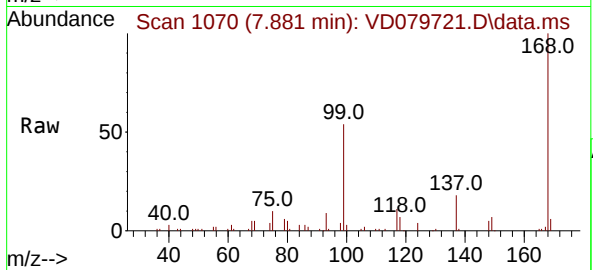
77 0.0 26.1 39.1#



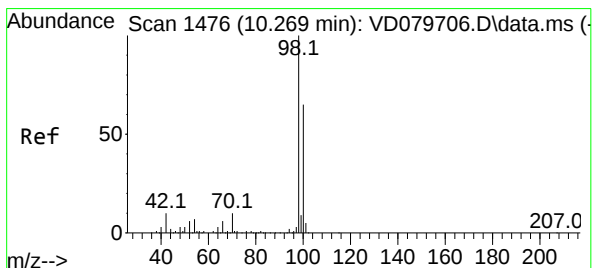
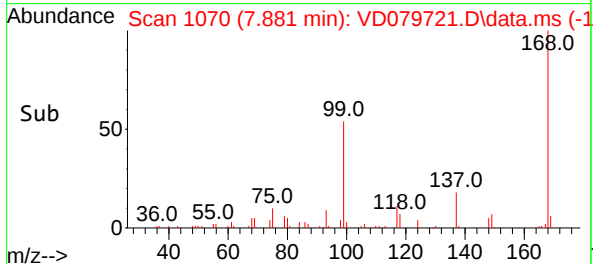
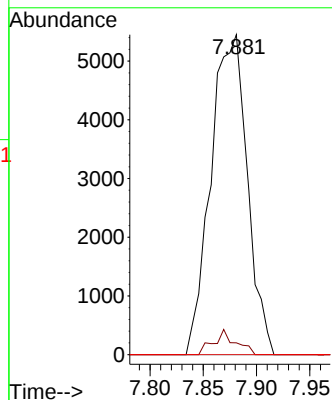


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :

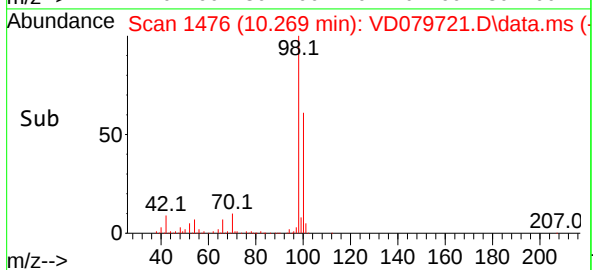
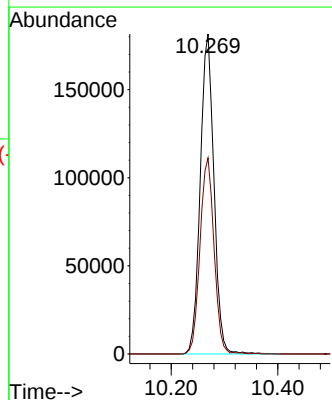
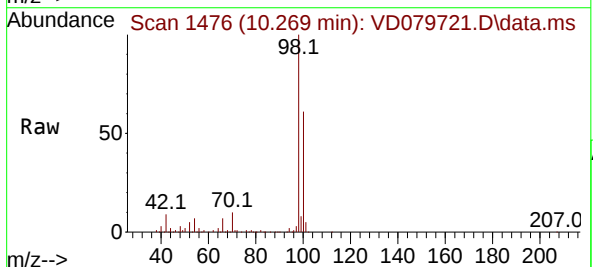


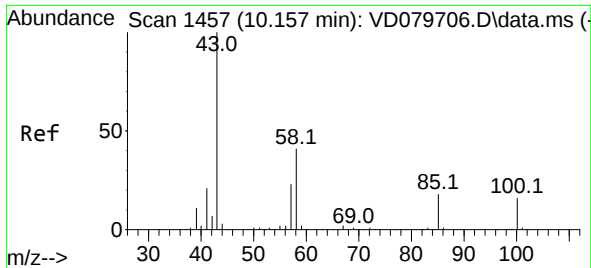
Tgt Ion:117 Resp: 12956
Ion Ratio Lower Upper
117 100
119 3.7 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.658 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Tgt Ion: 98 Resp: 323251
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

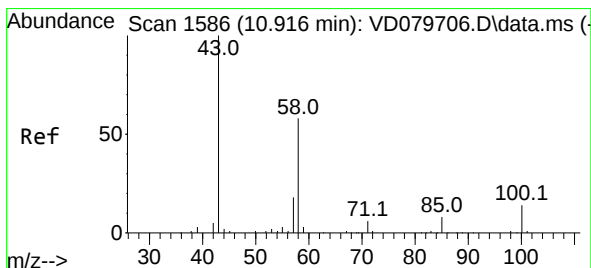
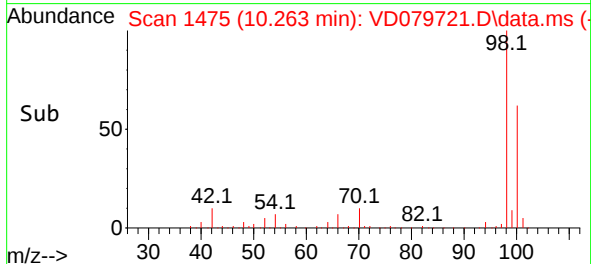
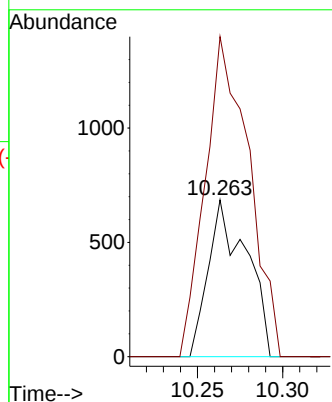
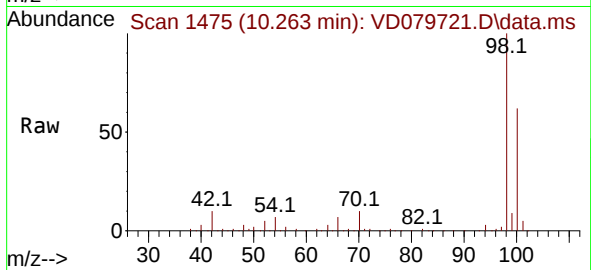




#51
4-Methyl-2-Pentanone
Concen: 1.133 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

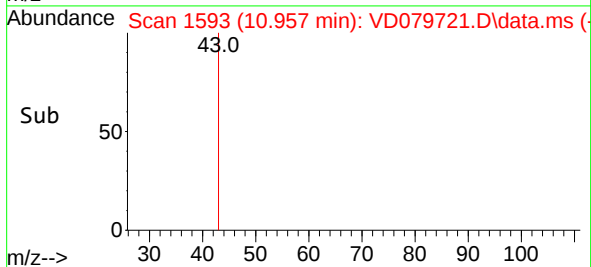
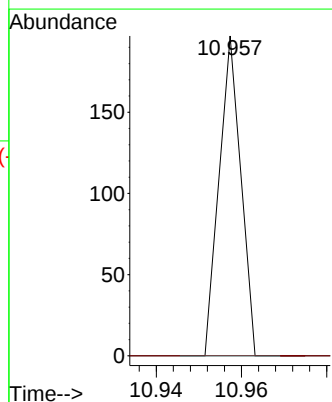
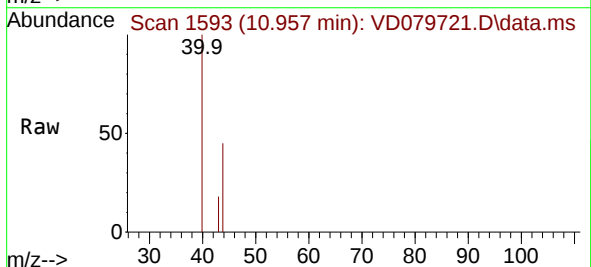
Instrument :
MSVOA_D
ClientSampleId :

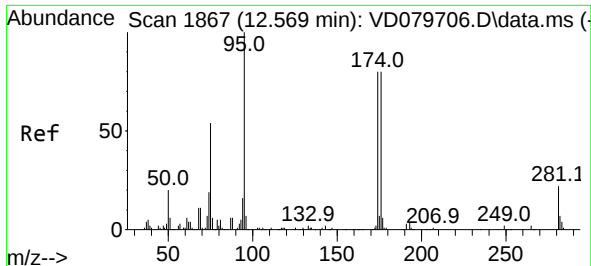
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 233.0 36.6 55.0#



#59
2-Hexanone
Concen: 8.042 ug/l
RT: 10.957 min Scan# 1593
Delta R.T. 0.041 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

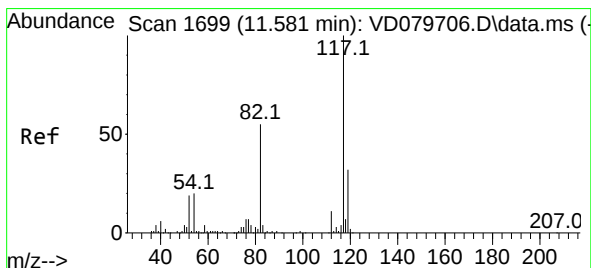
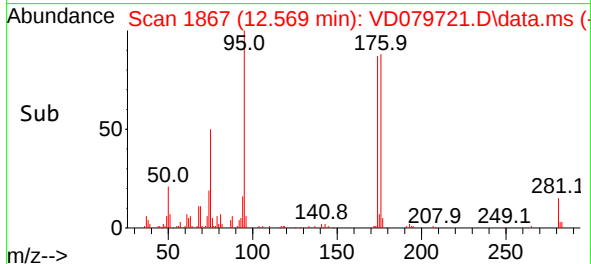
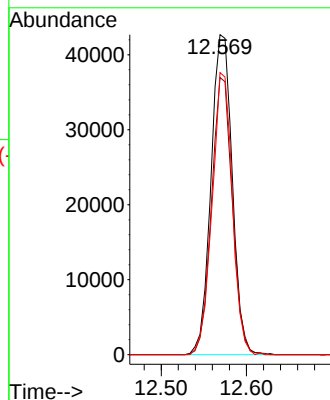
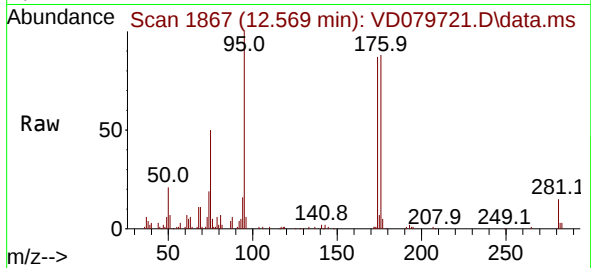




#62
4-Bromofluorobenzene
Concen: 42.208 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

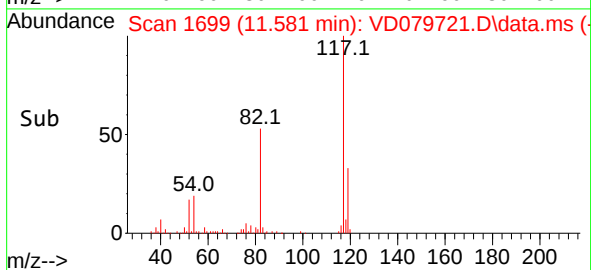
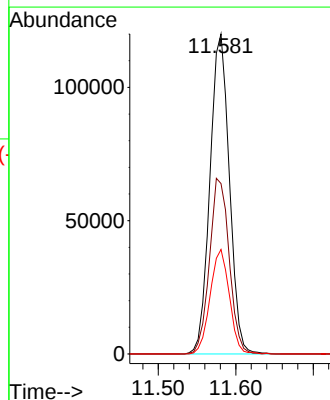
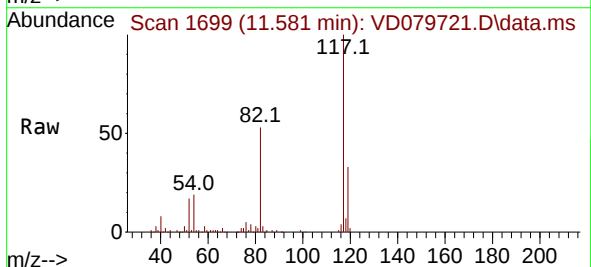
Instrument :
MSVOA_D
ClientSampleId :

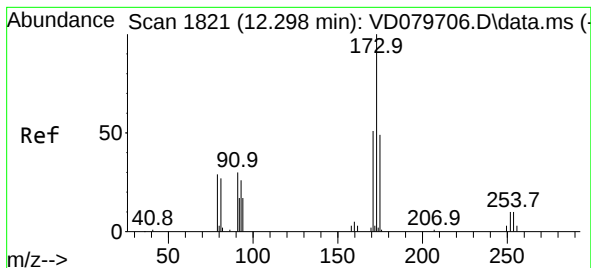
Tgt Ion: 95 Resp: 73952
Ion Ratio Lower Upper
95 100
174 85.2 0.0 195.4
176 83.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Tgt Ion: 117 Resp: 208843
Ion Ratio Lower Upper
117 100
82 53.3 39.8 59.6
119 32.6 25.7 38.5





#71

Bromoform

Concen: 1.362 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

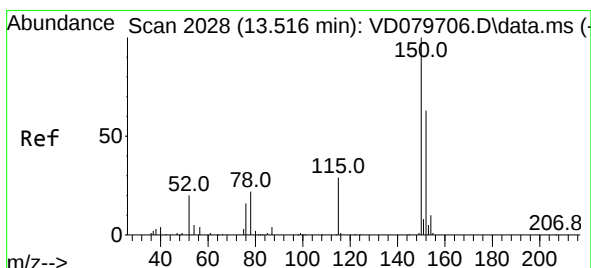
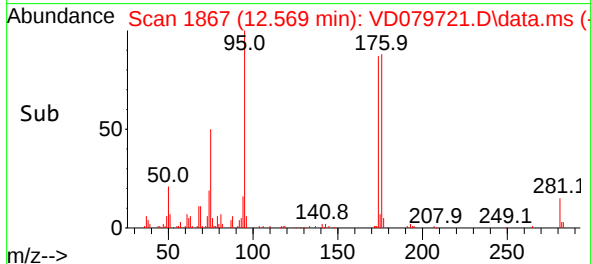
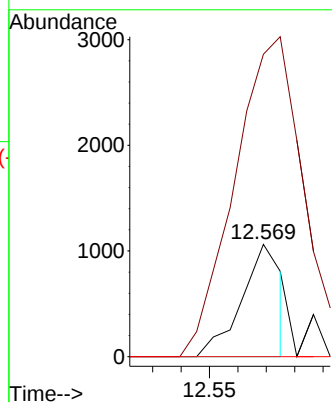
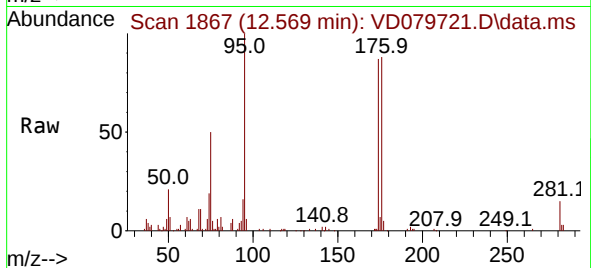
Tgt Ion:173 Resp: 1047

Ion Ratio Lower Upper

173 100

175 0.0 23.7 71.1#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079721.D

Acq: 13 Aug 2024 17:04

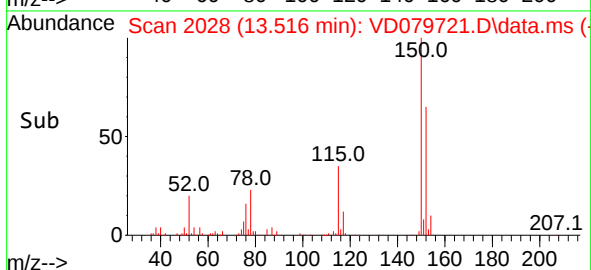
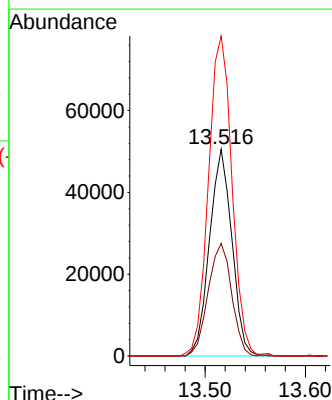
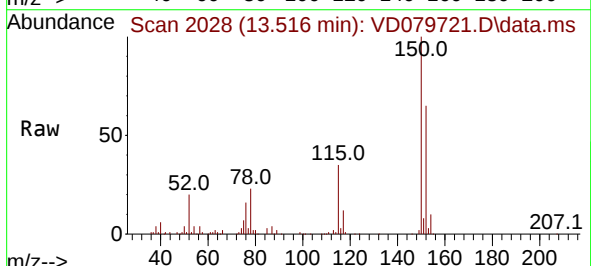
Tgt Ion:152 Resp: 78267

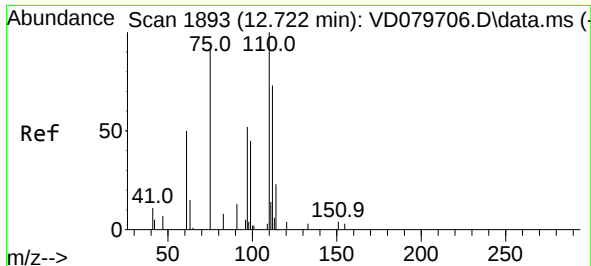
Ion Ratio Lower Upper

152 100

115 57.3 26.5 79.5

150 162.4 0.0 341.6

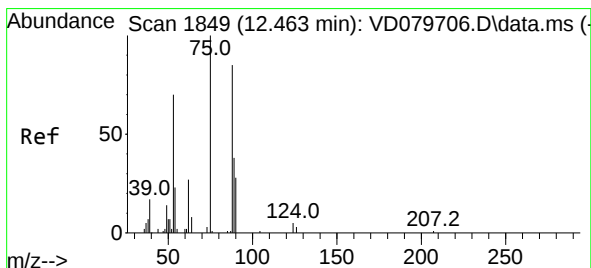
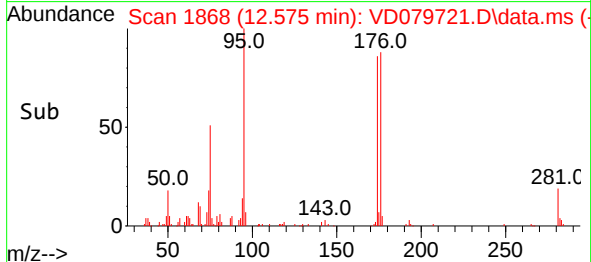
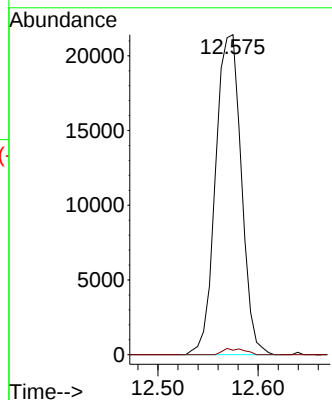
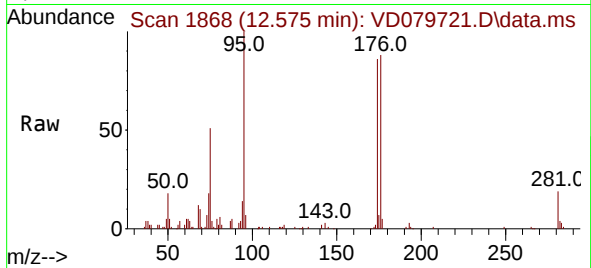




#76
1,2,3-Trichloropropane
Concen: 59.821 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 38169
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.944 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD079721.D
Acq: 13 Aug 2024 17:04

Tgt Ion: 75 Resp: 38169
Ion Ratio Lower Upper
75 100
53 0.2 61.4 92.2#
89 0.0 35.4 53.0#

